

KAWA.002AUS

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Naotoshi Kiriwara et al.	)	Group Art Unit
Serial No.	:	10/564,132	)	
Filed	:	January 10, 2006	)	
For	:	METHOD OF ANALYZING DIOXINS	)	
Examiner	:	Unknown	)	

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner  
of Patents and Trademarks  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a form PTO-1449 listing prior art references relevant to the subject matter of the above-identified application. A copy of the references is also enclosed herewith.

This information disclosure statement is filed before mailing of a first office action on the merit, therefore, no fee is required under 37 CFR 1.97(b) (3).

The prior art references include Japanese patent laid-open publications written by the language other than English. Therefore, an English abstract is attached to each of the Japanese patent laid-open publications. In addition, an English version of the international search report issued by Japanese Patent Office is submitted concurrently herewith to show the relevancy of the prior art references to the present invention. With respect to the prior

Serial No. : 10/564,132  
Filed : January 10, 2006

art references that are not listed in the international search report, the specification of the instant application provides discussions regarding the technologies disclosed by these prior art references in the background art section.

Applicant respectfully requests that the prior art references submitted herewith be considered in the substantive examination of this application.

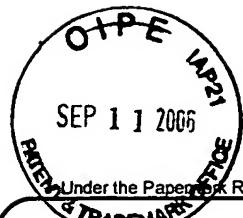
Respectfully submitted,

MURAMATSU & ASSOCIATES

Dated: 8/28/06

By: Yasuo Muramatsu  
Yasuo Muramatsu  
Registration No. 38,684  
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IDS-ISK2.001  
082806



SEP 11 2006

PTO/SB/08A (08-03)

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Under the Paperwork Reduction Act  
**TRADEMARK**  
Submission for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 3

<b>Complete if Known</b>	
Application Number	10/564,132
Filing Date	01/10/2006
First Named Inventor	Naotoshi Kirihara
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	ISHIKAWA.002AUS

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 2002-202289	07/19/2002	Mitsubishi		
		JP 2003-279543	10/02/2003	Mitsubishi		
		JP 2004-219149	08/05/2004	JFE		
		JP 2003-222613	08/08/2003	Hitachi		

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/564,132
		Filing Date	01/10/2006
		First Named Inventor	Naotoshi Kirihara
		Art Unit	
		Examiner Name	Unknown
		Attorney Docket Number	ISHIKAWA.002AUS
Sheet	12	of	13

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		JP 2001-208739	08/03/2001	Kawasaki
		JP 2002-184348	06/29/2002	Hitachi

Examiner Signature		Date Considered	
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Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/564,132
				Filing Date	01/10/2006
				First Named Inventor	Naotoshi Kirihsara
				Art Unit	
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket Number	ISHIKAWA.002AUS

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Fujitaro Imasaka, "Choonpa Bunshi Jet/Laser Takoshi Ionization Shitsuryo Bunsekihi ni yoru Plastic Netsubunkai Seiseibusu Oyobi Dioxin Kagobutu no Bunseki", 2001	
		Naotoshi Kirihsara, "Hikari Chikuseki Kokando Laser Shituryo Bunsekiki Kaihatsu to Dioxin-rui Kenshutsu", 2004, June	
		Fujitaro Imasaka, "Choonpa Bunshi Jet Bunko Bunseki, Kiso kara Dioxin Bunseki eno Oyo", 2001, January	
		Fujitaro Imasaka, "Choonpa Bunshi Jet Bunko ni yoru Dioxin no On-site Real Time Bunseki, Dioxin no On-site Real Time Bunseki", 2000, April	
		C. Weickhardt et al., "Laser Mass Spectrometry of Dibenzodioxin, Dibensofuran and Two Isomers of Dichlorodibenzodioxins: Selective Ionization", 1993, January	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
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**Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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JFW  
PATENT

Case Docket No. ISHIKAWA.002AUS

Date: August 28, 2006

Page 1

In re application of: Naotsushi Kirihara et al.

App. No. : 10/564,132

Filed : January 10, 2006

For : METHOD OF ANALYZING DIOXINS

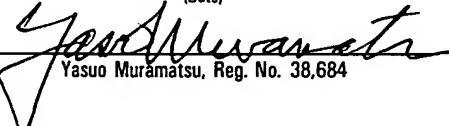
Examiner : Unknown

Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

August 28, 2006

(Date)

  
Yasuo Muramatsu, Reg. No. 38,684

**COMMISSIONER FOR PATENTS**  
**ALEXANDRIA, VA 22313-1450**

Sir:

Transmitted herewith is a response to the office action in the above-identified utility application.

An extension of time to respond for \* month(s) is hereby requested.

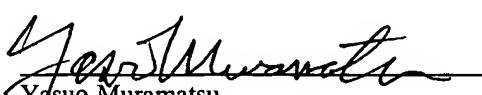
Time Extension Fee:

- one month (\$120 large entity)  
 two months (\$450 large entity)  
 three months (\$1020 large entity)

Enclosed are:

Information disclosure statement with PTO-1449 form and copy of prior art references.

Return prepaid postcard.

  
Yasuo Muramatsu  
Registration No. 38,684  
Attorney of Record  
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Irvine, California 92618  
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